

WHAT IS CLAIMED IS:

1. A kit comprising a means for detecting one or more alleles selected from the group consisting of: allele 4 of the 222/223 marker of IL-1A, allele 4 of the gz5/gz6 marker of IL-1A, allele 1 of the -889 marker of IL-1A, allele 1 of the +3954 marker of IL-1B, allele 2 of the -511 marker of IL-1B, allele 3 of the gaat.p33330 marker, allele 3 of the Y31 marker, allele 2 of +2018 of IL-1RN, allele 1 of +4845 of IL-1A, allele 3 of the 222/223 marker of IL-1A, allele 3 of the gz5/gz6 marker of IL-1A, allele 2 of the -889 marker of IL-1A, allele 2 of the +3954 marker of IL-1B, allele 1 of the -511 marker of IL-1B, allele 4 of the gaat.p33330 marker, allele 6 of the Y31 marker, allele 1 of +2018 of IL-1RN, allele 2 of +4845 of IL-1A, and allele 1 of the VNTR marker of IL-1RN.
2. A kit comprising a means for detecting at least two alleles selected from the group consisting of: allele 2 of 1731 IL-RN, allele 2 of 1812 IL-1RN, allele 2 of 1868 IL-1RN, allele 2 of 1887 IL-1RN, allele 2 of 8006 IL-1RN, allele 2 of 8061 IL-1RN, allele 2 of 9589 IL-1RN, allele 4 of the 222/223 marker of IL-1A, allele 4 of the gz5/gz6 marker of IL-1A, allele 1 of the -889 marker of IL-1A, allele 1 of the +3954 marker of IL-1B, allele 2 of the -511 marker of IL-1B, allele 3 of the gaat.p33330 marker, allele 3 of the Y31 marker, allele 2 of +2018 of IL-1RN, allele 1 of +4845 of IL-1A, allele 3 of the 222/223 marker of IL-1A, allele 3 of the gz5/gz6 marker of IL-1A, allele 2 of the -889 marker of IL-1A, allele 2 of the +3954 marker of IL-1B, allele 1 of the -511 marker of IL-1B, allele 4 of the gaat.p33330 marker, allele 6 of the Y31 marker, allele 1 of +2018 of IL-1RN, allele 2 of +4845 of IL-1A, allele 2 of the VNTR marker of IL-1RN, and allele 1 of the VNTR marker of IL-1RN.
3. The kit of claim 1 or 2, wherein said detecting means is selected from the group consisting of:
 - a) allele specific oligonucleotide hybridization;
 - b) size analysis;
 - c) sequencing;
 - d) hybridization;
 - e) 5' nuclease digestion;
 - f) single-stranded conformation polymorphism;

- g) allele specific hybridization;
- h) primer specific extension; and
- j) oligonucleotide ligation assay.

4. The kit of claim 1, further comprising a means for detecting allele 2 of the VNTR marker of IL-1RN.
5. A kit comprising an isolated nucleic acid molecule which hybridizes to an allele selected from the group consisting of: allele 2 of 1731 IL-RN, allele 2 of 1812 IL-1RN, allele 2 of 1868 IL-1RN, allele 2 of 1887 IL-1RN, allele 2 of 8006 IL-1RN, allele 2 of 8061 IL-1RN, allele 2 of 9589 IL-1RN, allele 4 of the 222/223 marker of IL-1A, allele 4 of the gz5/gz6 marker of IL-1A, allele 1 of the -889 marker of IL-1A, allele 1 of the +3954 marker of IL-1B, allele 2 of the -511 marker of IL-1B, allele 3 of the gaat.p33330 marker, allele 3 of the Y31 marker, allele 2 of +2018 of IL-1RN, allele 1 of +4845 of IL-1A, allele 3 of the 222/223 marker of IL-1A, allele 3 of the gz5/gz6 marker of IL-1A, allele 2 of the -889 marker of IL-1A, allele 2 of the +3954 marker of IL-1B, allele 1 of the -511 marker of IL-1B, allele 4 of the gaat.p33330 marker, allele 6 of the Y31 marker, allele 1 of +2018 of IL-1RN, allele 2 of +4845 of IL-1A, allele 2 of the VNTR marker of IL-1RN, and allele 1 of the VNTR marker of IL-1RN.
6. The kit of claim 5, wherein said isolated nucleic acid molecule hybridizes to the nucleotide corresponding to allele 2 of 1731 IL-RN.
7. The kit of claim 5, wherein said isolated nucleic acid molecule hybridizes to the nucleotide corresponding to allele 2 of 1812 IL-1RN.
8. The kit of claim 5, wherein said isolated nucleic acid molecule hybridizes to the nucleotide corresponding to allele 2 of 1868 IL-1RN.
9. The kit of claim 5, wherein said isolated nucleic acid molecule hybridizes to the nucleotide corresponding to allele 2 of 1887 IL-1RN.
10. The kit of claim 5, wherein said isolated nucleic acid molecule hybridizes to the nucleotide corresponding to allele 2 of 8006 IL-1RN.
11. The kit of claim 5, wherein said isolated nucleic acid molecule hybridizes to the nucleotide corresponding to allele 2 of 8061 IL-1RN.

12. The kit of claim 5, wherein said isolated nucleic acid molecule hybridizes to the nucleotide corresponding to allele 2 of 9589 IL-1RN.
13. The kit of claim 5, wherein said isolated nucleic acid molecule hybridizes to the nucleotide corresponding to allele 4 of the 222/223 marker of IL-1A or allele 3 of the 222/223 marker of IL-1A.
14. The kit of claim 5, wherein said isolated nucleic acid molecule hybridizes to the nucleotide corresponding to allele 4 of the gz5/gz6 marker of IL-1A or allele 3 of the gz5/gz6 marker of IL-1A.
15. The kit of claim 5, wherein said isolated nucleic acid molecule hybridizes to the nucleotide corresponding to allele 1 of the -889 marker of IL-1A or allele 2 of the -889 marker of IL-1A.
16. The kit of claim 5, wherein said isolated nucleic acid molecule hybridizes to the nucleotide corresponding to allele 1 of the +3954 marker of IL-1B or allele 2 of the +3954 marker of IL-1B.
17. The kit of claim 5, wherein said isolated nucleic acid molecule hybridizes to the nucleotide corresponding to allele 2 of the -511 marker of IL-1B or allele 1 of the -511 marker of IL-1B.
18. The kit of claim 5, wherein said isolated nucleic acid molecule hybridizes to the nucleotide corresponding to allele 3 of the gaat.p33330 marker or allele 4 of the gaat.p33330 marker.
19. The kit of claim 5, wherein said isolated nucleic acid molecule hybridizes to the nucleotide corresponding to allele 3 of the Y31 marker or allele 6 of the Y31 marker.
20. The kit of claim 5, wherein said isolated nucleic acid molecule hybridizes to the nucleotide corresponding to allele 2 of +2018 of IL-1RN or allele 1 of +2018 of IL-1RN.
21. The kit of claim 5, wherein said isolated nucleic acid molecule hybridizes to the nucleotide corresponding to allele 1 of +4845 of IL-1A or allele 2 of +4845 of IL-1A.

22. The kit of claim 5, wherein said isolated nucleic acid molecule hybridizes to the nucleotide corresponding to allele 2 of the VNTR marker of IL-1RN or allele 1 of the VNTR marker of IL-1RN.